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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657,257	09/09/2003	Young Dae Kim	YHK-0117	4025
34610	7590	10/25/2006	EXAMINER	
FLESHNER & KIM, LLP P.O. BOX 221200 CHANTILLY, VA 20153			GUHARAY, KARABI	
			ART.UNIT	PAPER NUMBER
			2879	

DATE MAILED: 10/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/657,257

Applicant(s)

KIM, YOUNG DAE

Examiner

Karabi Guharay

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on Amendment, filed on 26 June 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 and 19-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 11, 12, 20, 22, 23 and 26-32 is/are rejected.
- 7) ☒ Claim(s) 2-10, 13-17, 19, 21, 24 and 25 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 5/8/06.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

Response to Amendment

Amendment, filed on 26 June 2006 has been considered and entered.

Claim 18 is canceled. New claims 19-32 are added.

Amendments of specification overcome the objection to the disclosure.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 11-12, 20, 22-23, 26-29, & 31-32, are rejected under 35 U.S.C. 102(b) as being anticipated by Marcotte (US 6118214).

Regarding claims 1 & 23, Marcotte discloses a plasma display having an active area (area between two outer most barrier rib 16, where phosphors RGB are located (see Fig 3) on which a picture is displayed and a non-display area positioned outside the display area wherein the dummy electrodes or first and second electrodes as claimed in claim 23 (extension of sustain electrode 52 and 54, and electrode 60 & 62 of Fig 4) positioned within non-display area have a different gap between a scan electrode 56 and a sustain electrode 52 forming a sustain electrode pair (distance between extension of 52 and 54 or scan contact 60 & 62 is different from the gap between 52 and 56 or 54 and 58, see Fig 4).

Regarding claims 11 & 28, Marcotte discloses a plasma display having an active area (area between two outer most barrier rib 16, where phosphors RGB are located

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(see Fig 3) on which a picture is displayed and a non-display area positioned outside the display area wherein the dummy electrodes (extension of sustain electrode 52 and 54, and scan contact 60 & 62 of Fig 4) positioned within non-display area have a different electrode width from the width of a sustain electrode 52 and a scan electrode 56 forming a sustain electrode pair positioned within the display region (Fig 4).

Regarding claims 12, 27 & 29, Marcotte discloses that the dummy electrodes or each of first and second electrode as claimed in claim 23 (extensions of sustain electrodes 52, 54) have a narrower electrode width than the electrodes of the sustain electrode pair (52 & 56).

Regarding claims 20, 22, 26 & 31, Marcotte discloses address electrodes (28 of Fig 2) traversing the dummy electrodes (or first and second electrode as claimed in claim 23 & 28) and the sustain electrode and scan electrode of the sustain pair (see Fig 2).

Regarding claim 32, Marcotte discloses that a gap between the first electrode (extension of 52 or scan contact 60) and second electrode (extension of 54 or electrode 62) is different from the gap between the sustain electrode 52 and scan electrode 56 of the sustain electrode pair (see Fig 4).

Allowable Subject Matter

Claims 2-10, 13-17, 19, 21, 24, 25 & 30 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Regarding claims 2, 24, the prior art of record neither shows nor suggests a plasma display comprising the limitation of gap between dummy electrodes is narrower than that of the sustain electrode pairs.

Regarding claims 13, 21, 25 & 30, the prior art of record neither shows nor suggests a plasma display comprising the limitation of dummy electrodes (or first and second electrodes) are formed from a transparent electrode and a metal electrode.

Response to Arguments

Applicant's arguments filed on 26 June 2006 have been fully considered but they are not persuasive. Applicant contends that extension of the sustain electrodes 52 & 54 and the scan contacts 60, 62 do not correspond to dummy electrodes, without presenting any reasoning.

37 CFR 1.111(b) states " A general allegation that the claims defines a patentable invention without pointing out how the language of the claims patentably distinguishes them from the reference does not comply with the requirements of this section". Applicant has failed to specifically point out how the language of the claims patentably distinguishes them from the reference.

However, examiner construed extension of sustain electrode 52 & 54 or scan contacts 60 and 62 being electrodes, since these are conductive materials having voltage applied to them. Further such electrodes are dummy since they are not creating any discharge whatsoever.

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Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).


A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Karabi Guharay whose telephone number is 571-272-2452. The examiner can normally be reached on Monday-Friday 9:00 am - 5:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nimeshkumar D. Patel can be reached on 571-272-2457. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



Karabi Guharay
Primary Examiner
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10/24/06